

## 2006 Bridge Construction Forum Action Items Updated 6-29-06

**Bold Means Completed. 15 out of 44 Action Items Completed**

### General:

|   |  | <u>Who:</u>                           | <u>When:</u>     |
|---|--|---------------------------------------|------------------|
| 1 | <b>Post Construction Forum Meeting Notes and presentations on California Bridge Construction Forum Website</b> | <b>Dolores Valls &amp; Bruce Hagy</b> | <b>Completed</b> |
| 2 | <b>Develop and Finalize Bridge Construction Forum Action Items</b>   | <b>Dolores Valls &amp; All ACM's</b>  | <b>Completed</b> |
| 3 | <b>Post Bridge Construction Forum Action Items on Website</b>  | <b>Dolores Valls &amp; Bruce Hagy</b> | <b>Completed</b> |

### Cost Reduction Incentive Proposal(CRIP):

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| 1  | Draft a Decision Document to form a Special "CRIP Concept Committee" with a CRIP Facilitator role in process to perform the initial CRIP Review. Limit time frame for completion of design review to 30 days. Suggest use of a consultant designer, as appropriate. | Rusty Crain                    | 8/1/06           |
| 1A | Circulate Draft Decision Document for comment and approval.   | Dolores Valls                  | 9/1/06           |
| 2  | Draft a Bridge Construction Bulletin (BCB) to summarize the Structure Construction CRIP Process. Include a CRIP definition, provide a template for Concept and Value Analysis meetings and include FHWA buy-in. Research other agencies CRIP procedures.            | Roberto Luena & Beau Wrightson | 9/1/06           |
| 2A | Finalize and Distribute the Bridge Construction Bulletin on OSC CRIP Process  | Steve Altman & John Lammers    | 10/1/06          |
| 3  | Draft Letter to Rick Land requesting a new "Excellence in Transportation" Award Category for the most innovative or successful Department CRIP of the year.   | Dolores Valls                  | 7/15/06          |
| 4  | <b>Request Training from HQ Construction (Bob Pieplow) on new CRIP Value Analysis Special Provision Specifications</b>  | <b>Steve Altman</b>            | <b>Completed</b> |
| 4A | Work with Headquarters Construction to deliver training on new CRIP Value Analysis Spec.  | Steve Altman                   | 12/31/06         |
| 5  | Share approved Structure CRIPs with Area Construction Managers (ACMs).  | John Drury                     | 8/1/06           |
| 5A | ACM's to discuss approved CRIPS with staff during area meetings.  | ACM's                          | On-going         |

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| <b>5B</b>                               | <b>Research the usefulness of an on-line database, within Structure Construction (SC), of approved structure CRIPs and related files of pertinent CCO's.</b>            | <b>John Drury</b>   | <b>Completed</b> |
| 5C                                      | Develop an on-line database of Structure Construction approved structure CRIPS and related files of pertinent Contract Change Order                                     | John Drury  | 12/31/06         |
| <b>6</b>                                | <b>CRIP "Lesson-Learned" Presentation at 2006 Statewide Bridge Construction Engineers (BCE) Annual Meeting</b>  | <b>Ken Bocchicchio</b>  | <b>Completed</b> |
| <b>7</b>                                | <b>Present a Structure Construction Award for "Most Successful CRIP" @ the Annual Division of Engineering "All Managers Meeting" (Invite Structure Representative).</b> | <b>Dolores Valls</b>  | <b>Completed</b> |
| <b><u>Work Window Restrictions:</u></b> |   |   |                  |
| 1                                       | Update the Type Selection Check List to include Work Window Restrictions. Research and Refine "For internal Planning use only"  | Roy Fisher  | 8/1/06           |
| 2                                       | Update Bridge Construction Memo (BCM) 2-18.0 on Preliminary Plan Review Check List to include Work Window Restrictions (Lane Closure, Fish and Game Requirements, etc). | Dan Thomas  | 8/1/06           |
| 3                                       | Research need for a training module and/or BCM on Project Development Team (PDT) Meeting process, purpose and responsibilities.   | Ken Bocchicchio,<br>Rusty Crain,<br>Anh Luu &<br>John Zehnder | 10/1/06          |
| 3A                                      | Draft a BCM on PDT Meeting responsibilities for Structure Construction Staff.   | Ken Bocchicchio,<br>Rusty Crain,<br>Anh Luu &<br>John Zehnder | 10/1/06          |
| 4                                       | Educate Environmental and Traffic Operation Staff on Structure Construction methods. Provide project tours and presentations.   | All ACM's   | 12/31/06         |
| 5                                       | Research need for a new project summary of environmental (work window) restrictions prior to advertising project, like the material handout.                            | Dolores Valls   | 8/1/06           |

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| 5A  | Discuss No. 5 with Jay Norvell, Division Chief, Division of Environmental Analysis to include environmental summary listings handout with bid package.             | Dolores Valls        | 8/1/06           |
| <b><u>Bridge Construction Acceleration:</u></b> |  |                      |                  |
| 1   | <b>Request Department Office Engineer to post Contract Plans and Special Provisions on Caltrans Office Engineer's Website for a longer time frame</b>              | <b>Dolores Valls</b> | <b>Completed</b> |
| 2   | <b>Post link to FHWA "Acceleration" website on Structure Construction Internet &amp; Intranet websites</b>   | <b>Bruce Hagy</b>    | <b>Completed</b> |
| 3   | Post current status of Department Sponsored Bridge Closure Pour Research on Bridge Construction Forum website  | John Drury           | 7/1/06           |
| 4   | <b>Determine the feasibility of a standard waste slab design detail for a bridge deck closure pour support. Feasible at this time for Non-postensioned Bridges</b> | <b>Rusty Crain</b>   | <b>Completed</b> |
| 4A  | Work with the Concrete Committee to develop a Standard Waste Slab Designs for the various Bridge types. (Flat-Slab Conventional Reinforced Completed)              | Rusty Crain          | 12/31/06         |
| 5   | <b>Determine the feasibility of developing and maintaining an on-line database for approved structure concrete mix designs. <i>Not Feasible at this time.</i></b>  | <b>Robert Powell</b> | <b>Completed</b> |
| 5A  | Review the standard specification on trial batch compressive strength test results sharing between projects. Provide analysis to Rick Morrow.                      | All ACM's            | 8/1/06           |
| 5B  | Develop a Bridge Construction Memo on concrete trial batch compressive strength test result sharing between construction projects.                                 | Rick Morrow          | 9/1/06           |
| 6   | <b>Research metal deck form usage and obtain approval from Structure Maintenance and Structure Design.</b>   | <b>Henry Stultz</b>  | <b>Completed</b> |
| 6A  | Post Results of Research (Memo to Designers 8-7) on BCF website  | Bruce Hagy           | 8/1/06           |
| 6B  | Work with Structure Design to revise Memo to Designers 8-7 to include Climate Area III   | Dolores Valls        | 12/1/06          |
| 7   | Improve the Constructability Process through the DES Process Improvement Team - Post status updates on the Bridge Construction Forum website.                      | Steve Altman         | On-going         |
| <b><u>Human Factor:</u></b>                     |  |                      |                  |

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| 1  | <b>Develop an "End of Job" Satisfaction Survey for both Contractor and Structure Construction Staff.</b>   | <b>Rusty Crain<br/>Anh Luu</b>              | <b>Completed</b> |
| 1A | Select Pilot Projects in District 4 and evaluate for statewide use.  | Rusty Crain<br>Anh Luu                      | 12/31/06         |
| 1B | Share results of Survey with Area Construction Managers  | Rusty Crain<br>Anh Luu                      | 2/1/06           |
| 2  | <b>AGC to make a "Partnering" presentation @ 2006 Bridge Construction Engineers Meeting. Sam Hassoun, AGC, Delivered his Partnering Presenation.</b>   | <b>Stephen Pozzo &amp;<br/>Steve Altman</b> | <b>Completed</b> |
| 3  | Contact AGC and PECG for research in how they are promoting Engineering and Technical Careers in Highway and Bridge Construction. Further Action Items may develop from this research.   | Dennis Wilder<br>Rusty Crain                | 8/1/06           |
| 4  | Work with HQ Construction (Bob Pieplow) on bid item for providing field office in same location as contractor. This is now part of the "Go California" effort.   | Gene Malette<br>Dolores Valls               | 12/31/06         |
| 5  | <b>Request Additional Funding for Student Assistants</b>   | <b>Dolores Valls</b>                        | <b>Completed</b> |
| 6  | Invite FHWA to 2007 California Bridge Construction Forums  | Ken Bocchicchio<br>Jeff Abercrombie         | 10/1/06          |
| 7  | Invite Bridge Construction Seniors to Bridge Construction Forum, limit to one per ACM.   | All ACM's                                   | 10/1/06          |
| 8  | ACM to have interactive meetings (Brown Bag Lunches) with field staff to discuss management philosophy on Structure Construction-Contractor relations, including but not limited to NOPC's, partnering, communication, CRIPs, etc. | All ACM's                                   | On-going         |